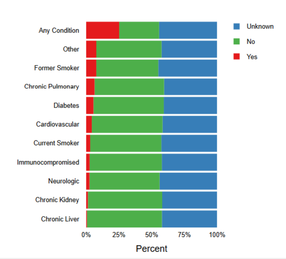
Cases are interviewed by public health to determine what potential medical risk factors they may have had prior to getting COVID-19. This is not a complete list of conditions and rates may change as public health collects more data and performs additional analysis. Examples of persons with compromised immune systems include those with cancer and transplant patients who are taking certain immunosuppressive drugs, persons with HIV/AIDS, and those with inherited diseases that affect the immune system. Examples of persons with chronic pulmonary conditions include those with uncontrolled asthma or COPD.

Pre-Existing Conditions of All Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	1783	2155	3130	45.3%
Other	550	3522	2996	13.5%
Former Smoker	547	3349	3172	14%
Chronic Pulmonary	455	3754	2859	10.8%
Diabetes	396	3797	2875	9.4%
Cardiovascular	304	3823	2941	7.4%
Current Smoker	219	3839	3010	5.4%
Immunocompromised	188	3898	2982	4.6%
Neurologic	182	3782	3104	4.6%
Chronic Kidney	95	4013	2960	2.3%
Chronic Liver	45	4047	2976	1.1%

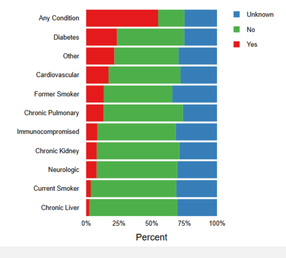
Pre-Existing Conditions of All Cases (tooltip shows the percent among all cases, including unknowns)



Pre-Existing Conditions of Hospitalized Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	318	116	144	73.3%
Diabetes	136	297	145	31.4%
Other	124	284	170	30.4%
Cardiovascular	99	318	161	23.7%
Former Smoker	78	303	197	20.5%
Chronic Pulmonary	77	350	151	18%
Immunocompromised	49	346	183	12.4%
Chronic Kidney	47	364	167	11.4%
Neurologic	46	356	176	11.4%
Current Smoker	20	378	180	5%
Chronic Liver	14	389	175	3.5%

Pre-Existing Conditions of Hospitalized Cases (tooltip shows the percent among all cases, including unknowns)

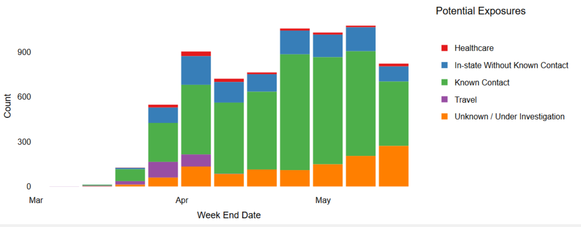


Potential Exposures

Exposures are determined through LHD and UDOH case investigations. Each case is mapped to a single "primary exposure". Please note that some cases have multiple potential exposures, so cases are mapped to exposures in the following order: 1) Known close contact to a confirmed case, 2) Travel in the past 14 days, 3) Healthcare (either through being a healthcare worker, patient, or visitor in a healthcare setting), 4) In-state transmission with no known contacts, 5) Under investigation. In-state transmission with no known contacts is defined as a patient with no known out of state travel, close contacts, or healthcare exposures. These exposures are commonly referred to as community spread or community transmission.

Known exposures are further broken down by type (green pie chart). "Social" refers to exposures between friends and acquaintances; "Other" refers to known contact with a lab confirmed case outside of home, work, and social settings; "Unspecified" is known contact to a confirmed case but without enough information to determine the setting of that exposure. Exposure categories are not all encompassing and may change as public health collects more data and updates analysis.

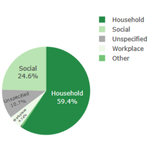
Primary Exposures by Week



Primary Investigated Exposures

Exposure	Count	Percent
Healthcare	144	2%
In-state Without Known Contact	1131	16%
Known Contact	4434	62.7%
Travel	216	3.1%
Unknown / Under Investigation	1143	16.2%

Type of Known Contact

Known Contact Type	Count	Percent
Household	2632	59.4%
Other	27	0.6%
Social	1090	24.6%
Unspecified	475	10.7%
Workplace	210	4.7%

Type of Known Contact